

Appendix 1

Fig. 1 of priority provisional application 60/136,436



	<u>MANASGEPPGVGGGLAAALGSAYVKLALLGLLLCVSLAGNALLALLVVKERALHKAPYYLLLDLCLADGL</u>	
	10 20 30 40 50 60 70	
ARE-2	MANTTGEPEEVSGALSPPSASAYVKLVLLGLIMCVSLAGNALLSLVLKERALHKAPYYFLDLCLADGI	70
hu GPR27 pro	MANAS-EPGGSGGGEAAALG---LKLATLSLLLCVSLAGNVLFALLIVRERSLHRAPYYLLLDLCLADGL	66
	<u>RAAACLPVLAARHGAAAAGAPPGALGCKLVAFLAALFCFHAAFLLLGVGVTRYLAIAHHRFYAERLAG</u>	
	80 90 100 110 120 130 140	
ARE-2	RSAVCFPFVLASVRHGSSWTF---ALSKIVAFMAVLFCFHAAFLFCISVTRYMAIAHHRFYAKRMTL	137
hu GPR27 pro	RALACLPAVMLAARRAAAAAGAPPGALGCKLLAFLAALFCFHAAFLLLGVGVTRYLAIAHHRFYAERLAG	136
	<u>WTCAAVLVCAAWALAVAAAFPPVLDGGGYKFIDEAQCALEQRYDGANGALGFLLLAVVVGATHAVYGK</u>	
	150 160 170 180 190 200 210	
ARE-2	WTCAAV-ICMAWTL SVAMAFPPVFDVGYKFIREDQCIFEHRYFKANDTLGFMLMLAVLMAATHAVYGK	206
hu GPR27 pro	WPCAAMLVCAAWALALAAAFPPVLDGGG---DDEDAPCALEQRPDGPALGFLLLAVVVGATHLVYLR	203
	<u>LLLFIIHDRKMKPAQLVPAVSQDWTFFHGPGATGQAAANWIAGFGRGPTPPALVGIRQAGHGRGARRLLGL</u>	
	220 230 240 250 260 270 280	
ARE-2	LLLFYRHRKMKPVQMPAISQNWTFHGPGATGQAAANWIAGFGRGMPPTLLGIRQNGHA-ASRRLGLM	275
hu GPR27 pro	LLFFIHDRRKMRPARLVPAVSHDWTFFHGPGATGQAAANWTAGFGRGPTPPALVGIRPAGPGRGARRLLVL	273
	<u>DEVKGEKQLGKMFYAVTLLFLLLWGPYVVASYLRVLVKAGAVPOAYLAAAVWLSFAQAGVNPVVCFLLNK</u>	
	290 300 310 320 330 340 350	
ARE-2	DEVKGEKQLGRMFYAITLLFLLLWSPYIVACYWRVFKACAVPHRYLATAVWMSFAQAANPPIVCFLLNK	345
hu GPR27 pro	EEFKTEKRLCKMFYAVTLLFLLLWGPYVVASYLRVLVRPGAVPOAYLTASVWLTFAQAGINPVVCFLFNK	343
	<u>DLKDCLTAQAPCWGSGGATAATEPYCDLKGIGL-</u>	
	360 370 380	
ARE-2	DLKKCLTTHAPCWGTGGAPAPREPYC-----VM.	374
hu GPR27 pro	ELRDCFRAQFPCCQSPRTTQATHP-CDLKGIGL.	376

Figure 1